

SEATTLE GREEN INFRASTRUCTURE INNOVATION

CASE STUDY SERIES



Image Source

South Orcas GreenStreet 2012

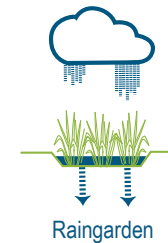
S Orcas St between 7th Ave S and Padilla Pl S, Georgetown, Seattle, WA 98108



PERFORMANCE SNAPSHOT

- Prevents an average of 300,000 gallons of polluted runoff from entering into the combined sewer system.
- The six 'curb-cut' raingardens are maintained by residents and DIRT Corps, a green infrastructure job training crew based in south Seattle.

GREEN INFRASTRUCTURE TECHNOLOGY TYPE



INNOVATION HIGHLIGHTS



Community Led

Cari Simpson and the Georgetown Community Council members established this first voluntary Green Stormwater Infrastructure project in Seattle.



Public Space

The six roadside rain gardens increase access to valuable greenspace and beautify the Georgetown neighborhood.



Funding Partnership

A grant from the Puget Soundkeeper Alliance supported the initial development of this project, while engineering and construction expertise were provided at no cost from SvR Design Company and Gary Merlino.



DIRT Corp members doing regular maintenance work on the greenstreet



Winter maintenance work with neighborhood residents

PROJECT DETAILS

IMPERVIOUS SURFACE MANAGED	15,975 sq. ft
DRIVER	Reduce polluted runoff from entering the Duwamish River
OWNER	SDOT
FUNDER	Puget Soundkeeper Alliance, volunteer labor
BUILDING CONSTRUCTION COST	\$32,000
PROJECT TEAM	Cari Simpson (Urban Systems Design), Georgetown Community Council, Puget Soundkeeper Alliance, SvR Design, Gary Merlino Construction, Seattle Department of Transportation, King County Wastewater Treatment Division
MAINTAINED BY	DIRT Corps, funded by King County WTD



Curb cut directing water for filtration



Grown-in raingarden



Seattle



King County